

Nissan Pulsar 1990-1995 Workshop Manual

Assembly (Cont'd)

5. Measure crankshaft end play.

Crankshaft end play:

Standard

0.060 - 0.160 mm (0.0024 - 0.0071 in)

Limit

0.2 mm (0.012 in)

If beyond the limit, replace thrust bearing with a new one.

6. Install connecting rod bearings in connecting rods and connecting rod caps.
 - Confirm that correct bearings are used. Refer to "Inspection".
 - Install bearings so that oil hole in connecting rod aligns with oil hole of bearing.

7. Install pistons with connecting rods.

- Insert them into corresponding cylinders with Tool.

- Be careful not to scratch cylinder wall by connecting rod.

- Arrange so that front mark on piston head faces front of engine.

8. Install connecting rod caps and tighten connecting rod caps to the specified torque.

22 Connecting rod cap bolts: 17 to 21 N·m (1.4 to 1.8 kg-m, 16 to 21 lb-ft)

Turn the bolts 90° to 120° clockwise with a torque wrench. If an angle wrench is not available, tighten nuts to 22 to 26 N·m (2.2 to 2.6 kg-m, 17 to 21 lb-ft).

9. Measure connecting rod side clearance.

Connecting rod side clearance:

Standard

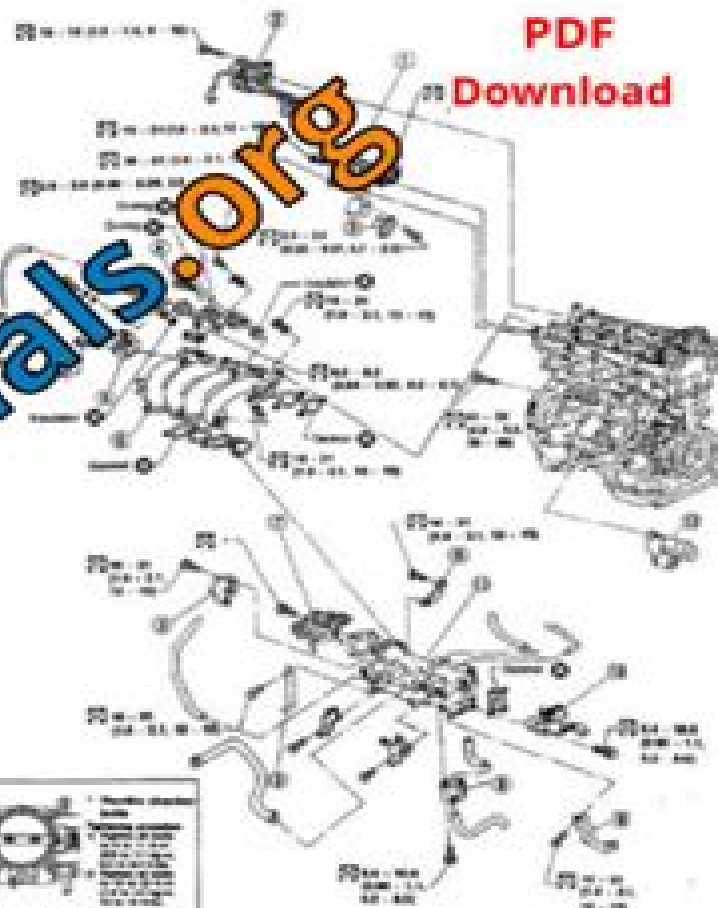
0.200 - 0.470 mm (0.0079 - 0.0185 in)

Limit

0.62 mm (0.0245 in)

If beyond the limit, replace connecting rod and/or crankshaft.

BR200E



- 1 Ignition coil
- 2 Distributor
- 3 Power transistor
- 4 Injector

- 5 Fuel injection valve
- 6 Intake manifold
- 7 Throttle chamber
- 8 Intake manifold supports

- 9 Air regulator
- 10 A.A.C. valve
- 11 Intake manifold collector
- 12 Starter motor

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Roman Wölfel



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